

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

22/64 Attorney Docket No. 03935.P004C3
(maximum 12 characters)

First Named Inventor Tsailai Terry Wu, et al.

Title: 3-D GRAPHICS CHIP WITH EMBEDDED DRAM BUFFERS

Express Mail Label No. EV 409 360 537 US

2581 U.S. PTO
030804
210/796541

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 23)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 5)**
5. **Oath or Declaration (Total Pages 2)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. _____ Assignment Papers (cover sheet & documents(s))
10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
_____ b. Power of Attorney
11. _____ English Translation Document (if applicable)
12. a. **Information Disclosure Statement (IDS)/PTO-1449**
_____ b. Copies of IDS Citations
13. **Preliminary Amendment**
14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. _____ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17A. _____ Claim for Foreign Priority
17B. **Other:** Submission of Formal Drawings transmittal and 6 sheets of drawings; and Change of Correspondence Address (1 pg).

17C. Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation **Divisional** **Continuation-in-part (CIP)**
Of Prior Application No.: 10/341,852 Examiner Tung, Kee M. Group Art Unit 2676
(which is a continuation/ divisional/ CIP of prior application no. 09/969,450,
which is a continuation/ divisional/ CIP of prior application no. 09/205,505) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For **CONTINUATION AND DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address
Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
ADDRESS 12400 Wilshire Boulevard
Seventh Floor
CITY Los Angeles STATE California ZIP CODE 90025-1026
Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): James C. Scheller, Jr. Registration No.: 31,195
Signature: J. Scheller Date: 3/8/2004

030804
22764 U.S.PTO**FEE TRANSMITTAL FOR FY 2004**

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 936.00

Complete if Known:

Application No.

Filing Date March 8, 2004

First Named Inventor Tsailai Terry Wu, et al.

Examiner Name

Art Unit

Attorney Docket No. 03935.P004C3

 Applicant claims small entity status. See 37 CFR 1.27.**METHOD OF PAYMENT** (check all that apply) Check Credit Card Money Order Other None Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name:

 The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below. Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee.**FEE CALCULATION****1. BASIC FILING FEE**Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>	<u>Fee Paid</u>
1001	770	2001	385	Utility application filing fee	770.00
1002	340	2002	170	Design application filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional application filing fee	

SUBTOTAL (1)\$ 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	- 20	=	2	X	18.00	=	36.00	
Independent Claims	3	- 3	=	0	X	86.00	=	0
Multiple Dependent Claims				0	X		=	0

**Or number previously paid, if greater; For Reissues, see below.

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code (\$)	<u>Fee Description</u>
1202	18	2202	9 Claims in excess of 20
1201	86	2201	43 Independent claims in excess of 3
1203	290	2203	145 Multiple dependent claim, if not paid
1204	86	2204	43 **Reissue independent claims over original patent
1205	18	2205	9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)\$ 36.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Description	
1051	130	Surcharge - late filing fee or oath	
1052	50	Surcharge - late provisional filing fee or cover sheet	
1053	130	Non-English specification	
1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	Request for inter partes reexamination	
1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	Extension for reply within first month	
1252	420	Extension for reply within second month	
1253	950	Extension for reply within third month	
1254	1,480	Extension for reply within fourth month	
1255	2,010	Extension for reply within fifth month	
1401	330	Notice of Appeal	
1402	330	Filing a brief in support of an appeal	
1403	290	Request for oral hearing	
1451	1,510	Petition to institute a public use proceeding	
1452	110	Petition to revive - unavoidable	
1453	1,330	Petition to revive - unintentional	
1501	1,330	Utility issue fee (or reissue)	
1502	480	Design issue fee	
1503	640	Plant issue fee	
1460	130	Petitions to the Commissioner	
1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	Submission of Information Disclosure Stmt	
8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	110	Statutory Disclaimer	
1810	770	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	770	Request for Continued Examination (RCE)	
1802	900	Request for expedited examination of a design application	
1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	Publication fee for republication	
1803	130	Request for voluntary publication or republication	
1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,330	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) Petition for Suspension of Action (1 page) 130.00

Other fee (specify) _____

SUBTOTAL (3)\$ 130.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: James C Scheller, Jr.

Signature: J. C. Scheller Date: 3/8/2004

Reg. Number: 31,195 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Tsailai Terry Wu, et al.) Examiner: Not yet assigned
Application No. _____) Art Unit: Not yet assigned
Filed: March 8, 2004)
For: 3-D GRAPHICS CHIP WITH EMBEDDED)
DRAM BUFFERS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CHANGE OF CORRESPONDENCE ADDRESS

Sir:

Please change the correspondence address of the above-identified patent application to the following person and address:

James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025
phone number: (408) 720-8300

Please update the Patent Office records to reflect the new correspondence address and telephone number.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 3/6, 2004

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025
(408) 720-8300

James C. Scheller, Jr.
Reg. No. 31,195

"Express Mail" mailing label number: EV 409 360 537 US
Date of Deposit: March 8, 2004

I hereby state that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner for Patents,
PO Box 1450, Alexandria, Virginia 22313-1450

Connie Thayer

(Typed or printed name of person mailing paper or fee)

Connie Thayer

(Signature of person mailing paper or fee)

3-8-04

(Date signed)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: _____
Tsailai Terry Wu, et al. _____)
Application No. _____)
Filed: March 8, 2004 _____)
For: 3-D GRAPHICS CHIP WITH EMBEDDED)
DRAM BUFFERS _____)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Examiner: Not yet assigned
Art Unit: Not yet assigned

SUBMISSION OF FORMAL DRAWINGS

Dear Sir:

Transmitted herewith is a complete set of formal drawings, comprising six (6) sheets and seven (7) figures for the above-identified application. Applicant notes that in the formal drawings, Figures 1 and 2 have been placed on separate sheets whereas in the original application, Figures 1 and 2 were on the same sheet. Therefore, the formal drawings comprise 6 sheets instead of 5 sheets as originally filed. However, the content of Figures 1 and 2 remains the same as originally filed.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 3/8, 2004
James C. Scheller, Jr.
Reg. No. 31,195

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

"Express Mail" mailing label number: EV 409 360 537 USDate of Deposit: March 8, 2004

I hereby state that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450

Connie Thayer(Typed or printed name of person mailing paper or fee)Connie Thayer(Signature of person mailing paper or fee)3-8-04(Date signed)